



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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April 14, 1998

William Bown  
Utah Building Stone Supply  
842 West, 400 North  
West Bountiful, Utah 84087

Re: Initial Review of Notice of Intention to Commence Large Mining Operations, Lynn Springs Quarry Company, Lynn Springs Quarry, M/003/025, Box Elder County, Utah

Dear Mr. Bown:

The Division has completed a review of your draft Notice of Intention to Commence Large Mining Operations for the Lynn Springs Quarry, located in Box Elder County, Utah, which was received February 17, 1998. After reviewing the information, the Division has the following comments which will need to be addressed before tentative approval may be granted. The comments are listed below under the applicable Minerals Rule heading. Please format your response in a similar fashion.

The Division will suspend further review of the Lynn Springs Quarry NOI until your response to this letter is received. If you have any questions in this regard please contact me, Tony Gallegos, Lynn Kunzler, or Tom Munson of the Minerals Staff. If you wish to arrange a meeting to sit down and discuss this review, please contact us at your earliest convenience. Thank you for your cooperation in completing this permitting action.

Sincerely,

D. Wayne Hedberg  
Permit Supervisor  
Minerals Regulatory Program

jb

Attachment: Review, Surety estimate

cc: Gordon Struthers, USFS  
Mike Ford, BLM

m003025.rvw

## REVIEW OF NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS

Utah Building Stone Supply Company  
Lynn Springs Quarry

M/003/0025

### R647-4-105 - Maps, Drawings & Photographs

#### 105.2 Surface facilities map

A detailed map of the millsite area needs to be provided. In discussions with the operator, it has been indicated that less than 1 acre of the 3.7 acre millsite will be disturbed at any one time. While the Division recognizes that the area of disturbance will change over time, the location of the original disturbed area needs to be identified, along with the areas proposed for rock storage, pads, topsoil stockpiles, and waste disposal. (LK)

### R647-4-106 - Operation Plan

#### 106.3 Estimated acreage disturbed, reclaimed, annually.

The acreage figures reported on page 4 need to be revised. According to Division records of site inspections, the following acreage is currently disturbed:

Quarry Areas (North Quarry and South Quarry)	4.6 acres
Work/process area	0.5 acres
Roads	2.1 acres
<b>TOTAL CURRENT DISTURBANCE</b>	<b>7.2 acres</b>

The following figures represent the proposed new disturbance:

Northwest Quarry	0.5 acres
Millsite	1.0 acres
Road (access to Northwest Quarry)	0.3 acres
<b>TOTAL PROPOSED DISTURBANCE</b>	<b>1.8 acres</b>

<b>TOTAL CURRENT &amp; PROPOSED DISTURBANCE</b>	<b>9.0 acres</b>
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Please revise this page of your permit application accordingly.

### R647-4-113 - Surety

The attached surety estimate of \$17,900 is based on the projected costs to reclaim the existing 7.2 acres of disturbance and the additional 1.8 acres of proposed disturbance including the Northwest Quarry at 0.5 acres; 0.3 acres of new road; and 1.0 acres at the Junction Millsite. Please note, this estimate is similar to the Forest Service estimate (\$15,000) after you add the costs of supervision and escalate the costs to 2003 dollars.

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Initial Review  
M/003/025  
May 4, 1998

The Division currently holds an interim surety (in the form of a CD) for the amount of \$9,500. An additional \$8,400 dollars will be needed. The plan identifies reclamation of the work area and the majority of the North Quarry. If this reclamation is completed prior to permit approval, the surety could be reduced accordingly to approximately \$11,800 dollars (a reduction of \$6,100).

Attachment: Surety Estimate

1	<b>RECLAMATION SURETY ESTIMATE</b>				
2	<i>Utah Building Stone Supply Company</i>				
3	<i>Lynn Spring Quarry</i>				
4	<i>M/003/025</i>				
5	<b>Prepared by Utah State Division of Oil, Gas &amp; Mining</b>				
6					
7	<i>- No buildings or permanent structures are proposed</i>				
8	<i>- Mine access roads will be ripped, water barred, &amp; broadcast seeded</i>				
9	<i>- The Work area (0.5ac) and Millsite area (1.0ac.) will be ripped, topsoil replaced &amp; broadcast seeded</i>				
10					
11					
12	<i>- Total affected area = millsite, work area, quarry areas, roads = 1 + 0.5 + 5.1 + 2.4 = 9.0 acres</i>				
13	<i>- Total disturbed area requiring reclamation = 9.0 acres</i>				
14					
15	<i>- Approximately 3.5 acres of quarry and work area to be reclaimed the spring of 1998</i>				
16	<i>- Bond could be reduced by \$6,100 if 3 acres of quarry (north quarry)</i>				
17	<i>and 0.5 acres work area are reclaimed prior to permit approval.</i>				
18					
20	<b>- Amount of disturbed area which will receive reclamation treatments</b>				<b>9.0 acres</b>
21	<u>Activity</u>	<u>Quantit</u>	<u>Units</u>	<u>\$/unit</u>	<u>\$</u>
22					
24	Ripping work area and millsite area	1.5	acre	269	404
25	Ripping access roads - dozer	2.4	acre	269	646
26	Regrading quarry areas - dozer	4,200.0	CY	1.1	4,620
27					
28	Topsoil replacement - 6 inches	7,200	CY	0.46	3,312
29					
31	Broadcast seeding (9.0 acres)	9.0	acre	170	1,530
32	Reseeding -broadcast seeding (~25% of area)	2.5	acre	170	425
33					
34	General site cleanup & trash removal	9.0	acre	50	450
35					
36	Equipment mobilization - Burley, Idaho closest city	2	equip	700	1,400
37					
38	Reclamation Supervision	5	days	356	1,780
39					
40					
41					
42					
43					
44					
45					

<b>RECLAMATION SURETY ESTIMATE - NOTES</b>	
<b>Note</b>	
(1)	Means 1997 & Rental Rate Blue Book 4/97: Cat D8N, U, multi shank rippers, speed 0.8 mph
(2)	US Forest Service general estimate
(3)	Means 1997 & Rental Rate Blue Book 4/97: Cat D8N, U, mtl 2550 lb/CY, 100 ft push
(4)	DOGM general estimate - broadcast seeding
(5)	DOGM general estimate - site cleanup & trash removal
(6)	DOGM general estimate - equipment mobilization
(7)	Means 1997, 010-036-0180, project manager, minimum \$1780/wk